

65114 U.S. PTO
08835748
04/10/97
70
Class
Subclass
ISSUE CLASSIFICATION
SCANNED 7

6089701



6089701

UTILITY
SERIAL
NUMBER

PATENT DATE

JUL 18 1990

PATENT
NUMBER

SERIAL NUMBER

FILING DATE

CLASS

SUBCLASS

70

GROUP ART UNIT

EXAMINER

DICKENS

APPLICANTS

CONTINUING DATA
VERIFIED

NINZCO

FOREIGN APPLICATIONS***

VERIFIED

JAPAN

HEI 5-344568

12/09/88

JAPAN

KEI 8-88469

04/10/96

JAPAN

KEI 9-33245

03/17/97

Foreign priority claimed
35 USC 119 conditions met

yes no
yes no

AS
FILED

STATE OR
COUNTRY

SHEETS
DRWGS.

TOTAL
CLAIMS

INDEP.
CLAIMS

FILING FEE
RECEIVED

ATTORNEY'S
DOCKET NO.

Verified and Acknowledged

Examiner's initials

JFK

7

12

2

\$900.00

045026

ADDRESS

SUGHRUE MION ZINN MACPEAK AND SEAS
2100 PENNSYLVANIA AVENUE NW
WASHINGTON DC 20037-3202

INK JET RECORDING HEAD HAVING REDUCED STRESS CONCENTRATION NEAR
THE BOUNDARIES OF PRESSURE GENERATING CHAMBERS

U.S. DEPT. OF COMM./PAT. & TM - PTO-436L (Rev. 12-94)

PARTS OF APPLICATION
FILED SEPARATELY

NOTICE OF ALLOWANCE MAILED

02-29-00

Assistant Examiner

CLAIMS ALLOWED

Total Claims

12

Print Claim

1

ISSUE FEE

Amount Due

Date Paid

120.00

5/3/00

John Raitow
Supervisory Patent Examiner
Technology Center 2800

DRAWING

Sheets Drwg.

Figs. Drwg.

Print Fig.

7

15

2a, 2b

ISSUE
BATCH
NUMBER

194

Label
Area

PREPARED FOR ISSUE

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Formal Drawings (sheets) set

Form PTO-436A
(Rev. 8/92)

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(FACE)

PATENT NUMBER 		ORIGINAL CLASSIFICATION <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 50%;">CLASS</td> <td style="width: 50%;">SUBCLASS</td> </tr> <tr> <td style="text-align: center;">47</td> <td style="text-align: center;">70</td> </tr> </table>		CLASS	SUBCLASS	47	70																																				
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APPLICATION SERIAL NUMBER 0883748		CROSS REFERENCE(S) 																																									
APPLICANT'S NAME (PLEASE PRINT) HASHIZUME CO. LTD.		<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 50%;">CLASS</td> <td style="width: 50%;">SUBCLASS (ONE SUBCLASS PER BLOCK)</td> </tr> <tr><td> </td><td> </td></tr> <tr><td> </td><td> </td></tr> <tr><td> </td><td> </td></tr> <tr><td> </td><td> </td></tr> <tr><td> </td><td> </td></tr> <tr><td> </td><td> </td></tr> <tr><td> </td><td> </td></tr> <tr><td> </td><td> </td></tr> <tr><td> </td><td> </td></tr> </table>		CLASS	SUBCLASS (ONE SUBCLASS PER BLOCK)																																						
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PTO 270
(REV. 5-81)

ISSUE CLASSIFICATION SLIP

U.S. DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICE